Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	07/31/2014 10:52 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

Setup Beads

Bead Product: CST Setup Beads, Part #: 910723
Lot ID: 57599, Expiration Date: 09/30/2014
Bead Lot Information: Available

Detector Settings

Laser	Detector	Parameter	PMTV	New Target Value	Old Target Value	Bright Bead %Robust CV	Mid Bead Median Channel	Mid Bead % Robust CV	Dim Bead Median Channel	Dim Bead % Robust CV
Blue	FSC	FSC	559	125000	125000	1.25	121003	0.98	19853	2.00
Blue	F	SSC	472	125000	125000	3.19	123828	2.56	60703	1.45
Blue	E	FITC	496	18287	20974	1.78	830	8.14	102	31.12
Blue	D	PE	494	25829	25516	1.41	960	7.23	213	21.05
Blue	B	PerCP-Cy5-5	572	46664	47091	2.69	1591	12.03	218	33.42
Blue	A	PE-Cy7	633	45313	41727	4.55	992	21.37	88	76.25
Red	C	APC	565	50625	51192	2.13	2960	8.30	337	23.80
Red	A	APC-Cy7	546	50689	50012	2.53	1602	8.34	137	31.60
Violet	B	V450	442	13569	15453	1.73	814	5.75	86	37.07
Violet	A	V500	476	56861	60987	1.52	2749	3.95	188	19.86

Detector Settings (Continued)

Laser	Detector	Parameter	Linearity Min Channel	Linearity Max Channel	Slope	Intercept	Electronic Noise Robust SD	Qr	Br
Blue	FSC	FSC	N/A	N/A	0.0040	2.9	N/A	N/A	N/A
Blue	F	SSC	N/A	N/A	7.1999	-14.2	N/A	N/A	N/A
Blue	E	FITC	36	244416	7.3068	-15.4	18.8	0.0347	222
Blue	D	PE	47	244805	7.2485	-15.1	20.9	0.2979	219
Blue	B	PerCP-Cy5-5	138	237778	7.3546	-15.6	21.5	0.0160	63
Blue	A	PE-Cy7	96	234029	7.4125	-16.1	22.4	0.0246	25
Red	C	APC	180	241608	7.3591	-15.6	18.4	0.0264	54
Red	A	APC-Cy7	110	243420	7.3811	-15.5	18.4	0.0076	1587
Violet	B	V450	79	239678	7.3746	-15.4	13.4	0.1016	4266
Violet	A	V500	57	243293	7.5496	-15.5	14.7	0.0242	1155

Specifications

Violet Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Red Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)

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Laser Settings

Laser	Power (mW)	Power Spec. (mW)	Current (mA)	Current Spec. (mA)	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Violet	59.64	47.70 - 71.54	N/A	N/A	-31.47	-31.29	0.90
Blue	20.48	16.35 - 24.53	1.25	1.00 - 1.50	0.00	0.00	1.27
Red	17.98	13.07 - 19.61	N/A	N/A	31.86	32.09	1.13

Window Extension: 7.00
FSC Area Scaling Factor: 0.88

Threshold

Threshold (FSC): 9998

Fluidics

FACSFlow Pressure: 3.90 Sample Pressure: 3.60
Spec.: 3.80 - 4.00

Comments

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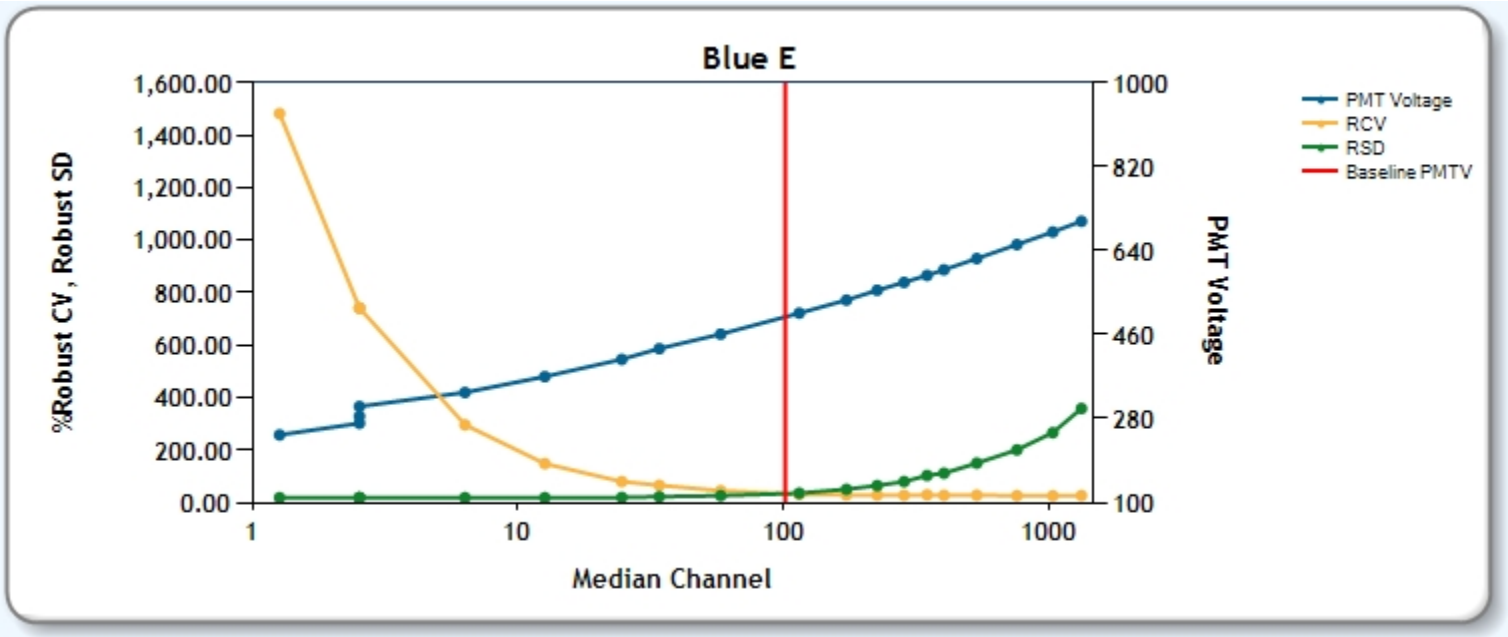
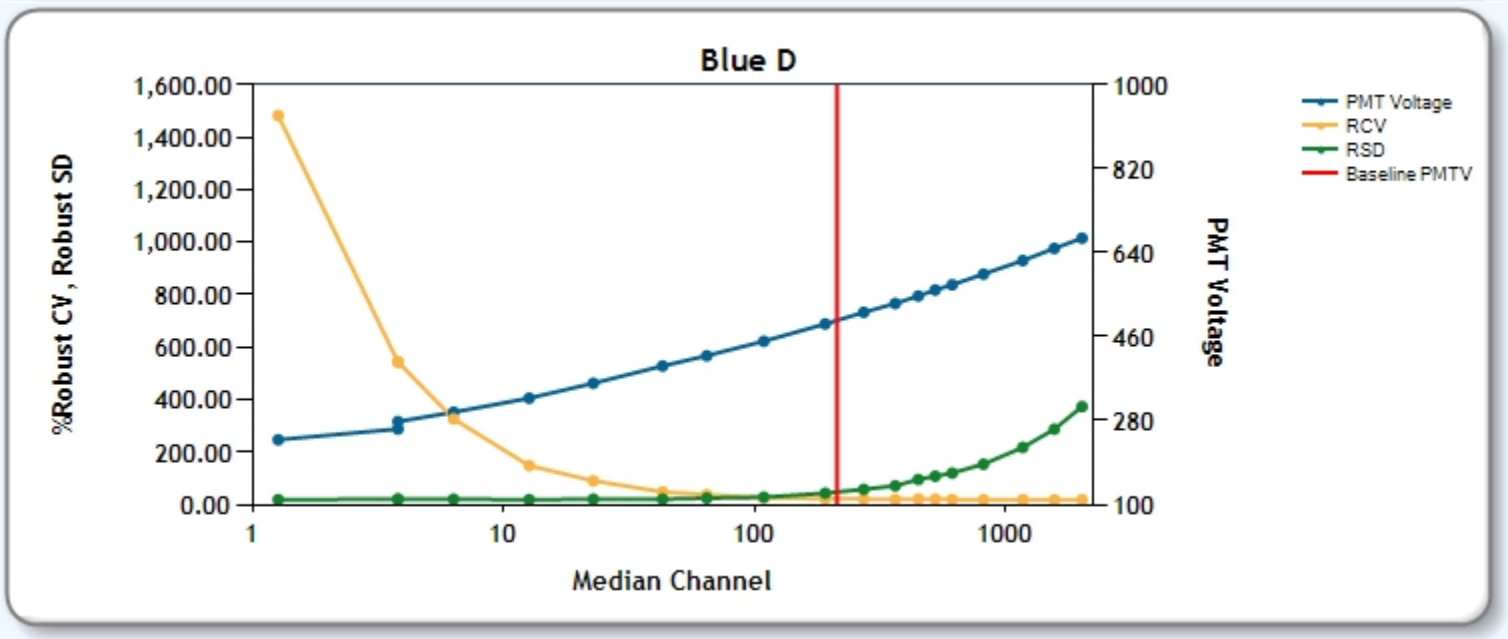
PMTV Optimization Results





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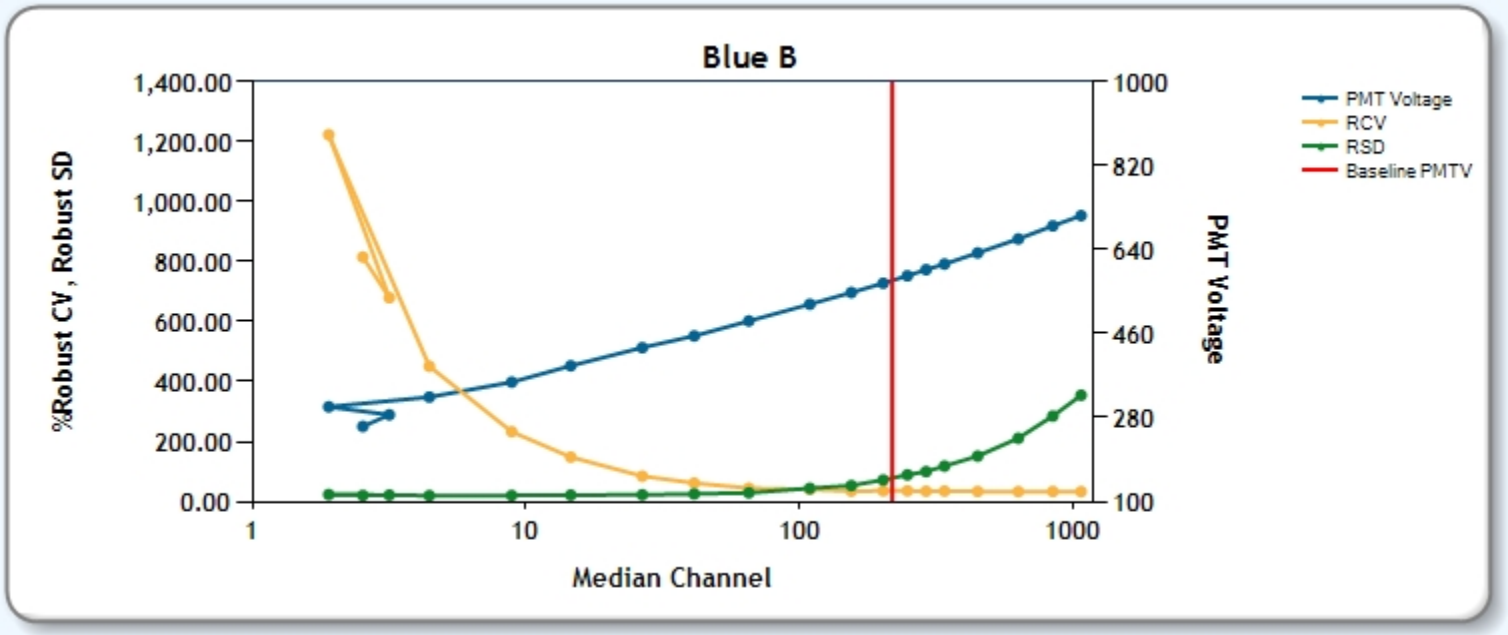

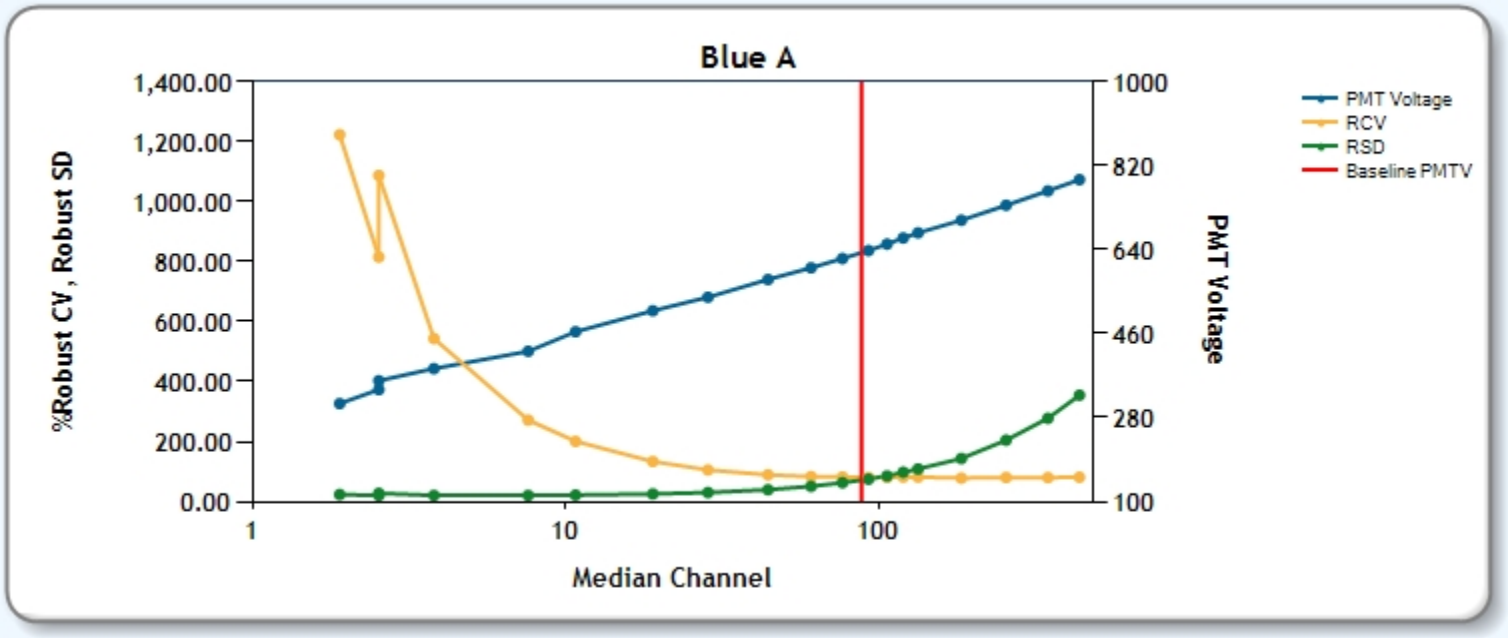

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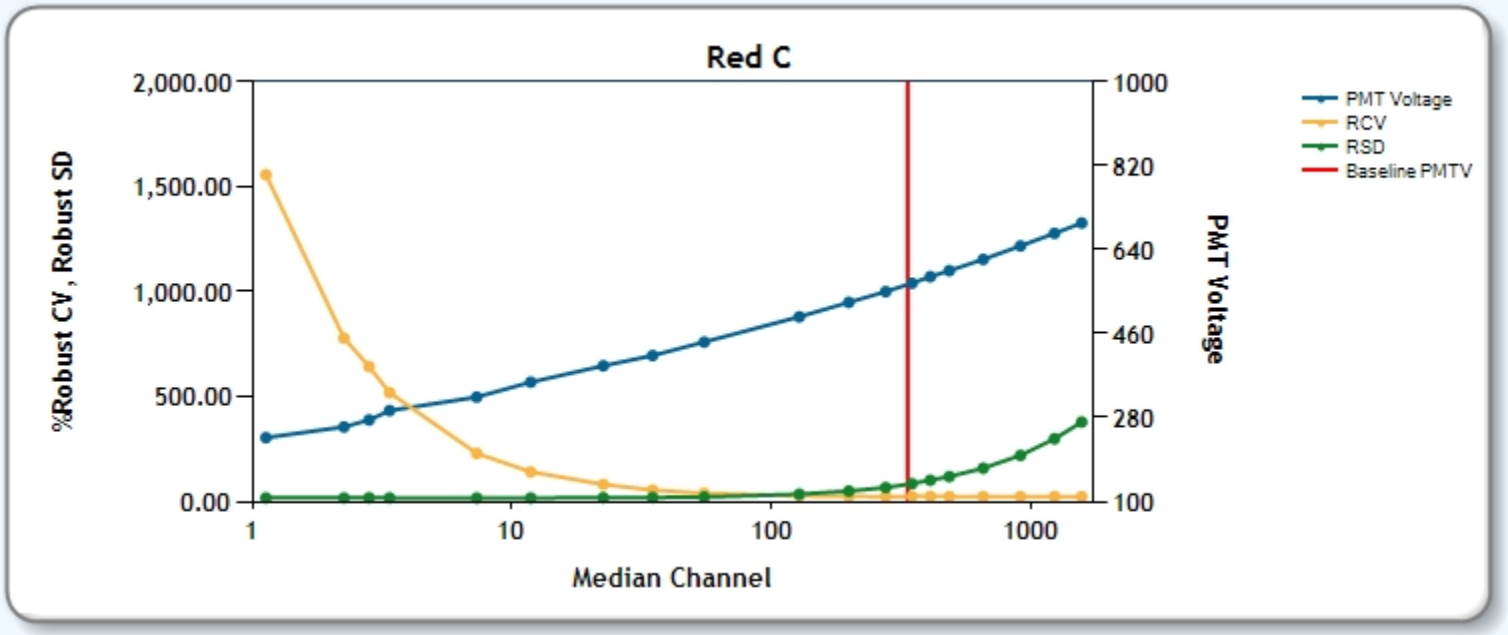

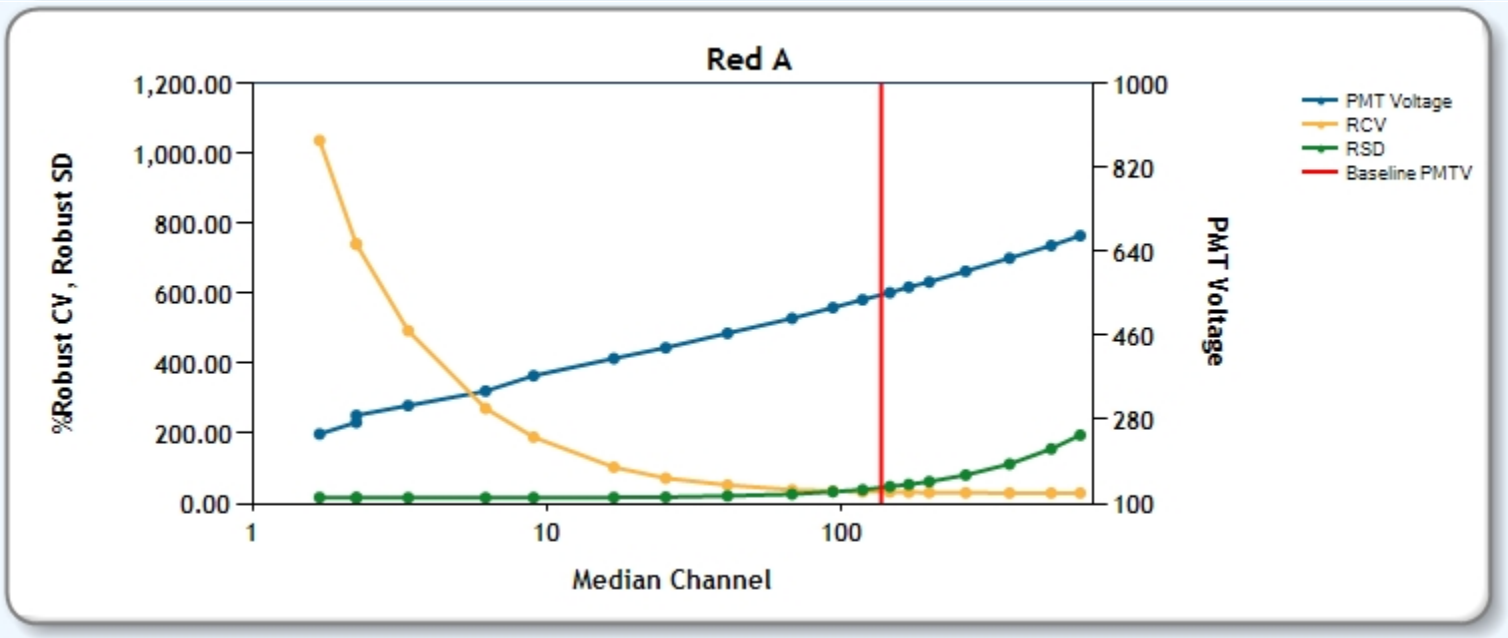

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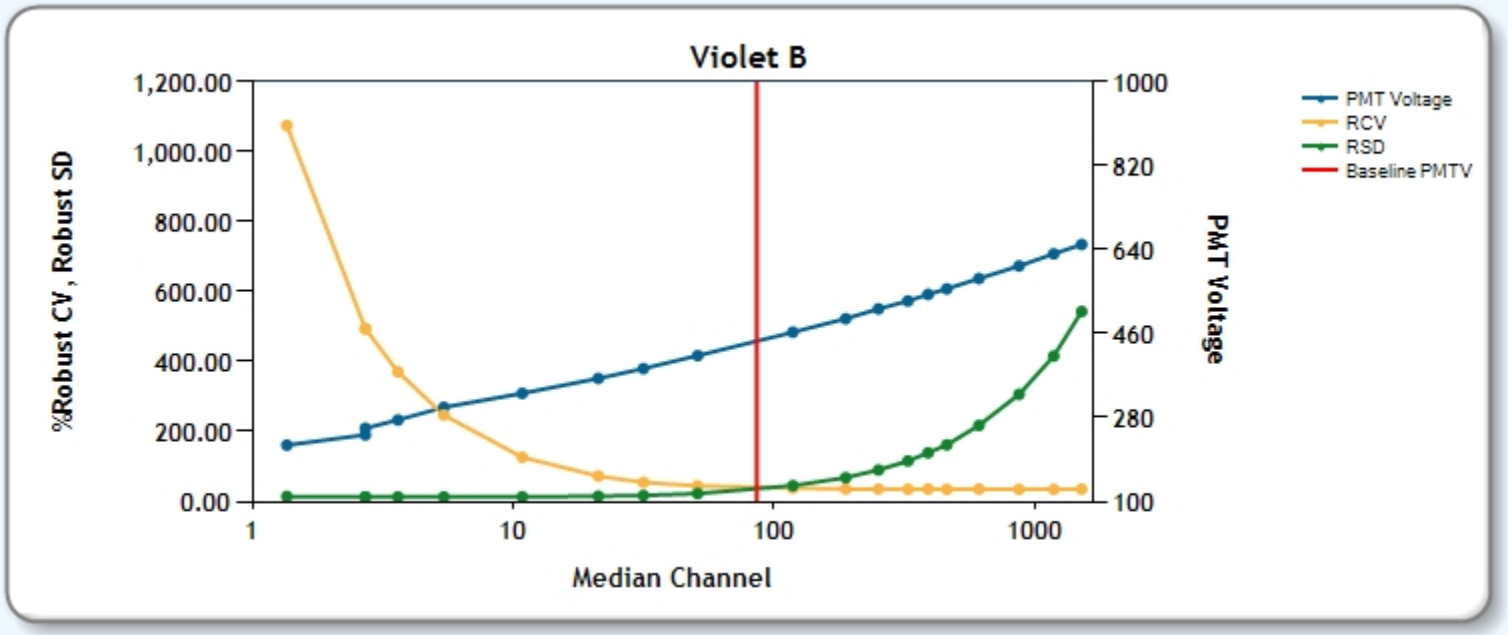

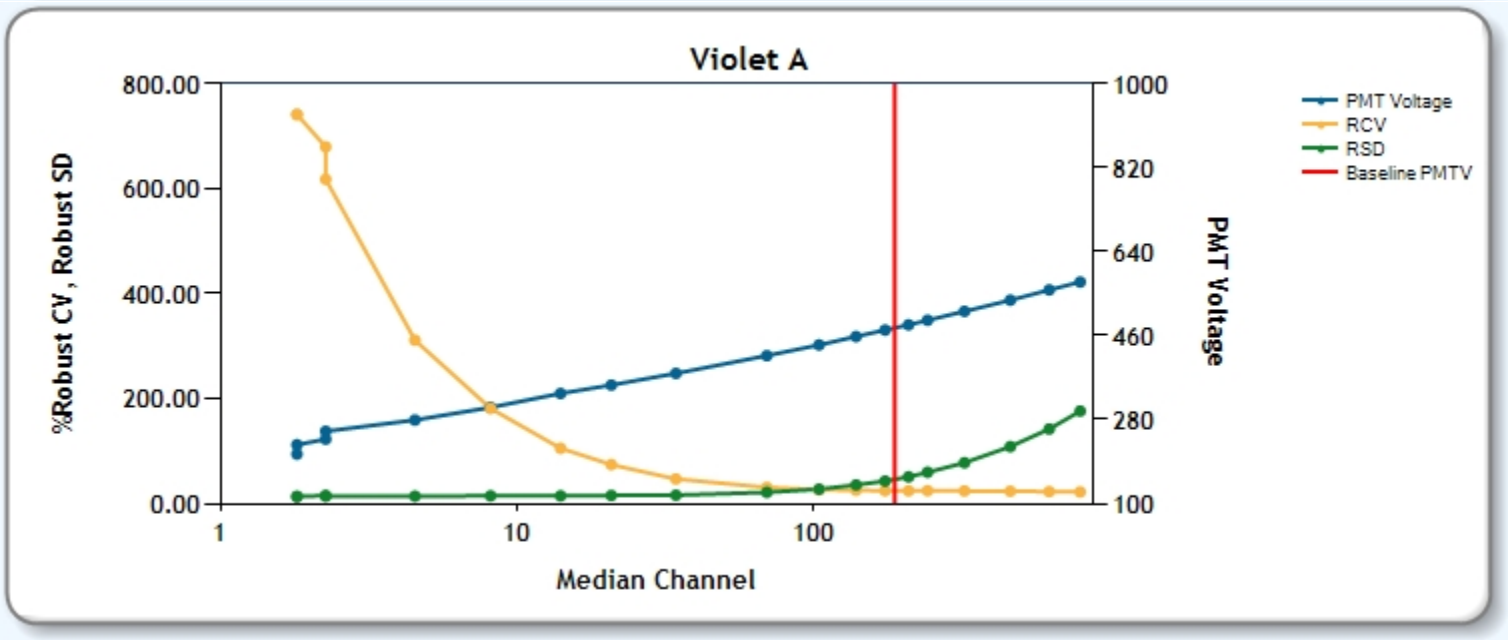

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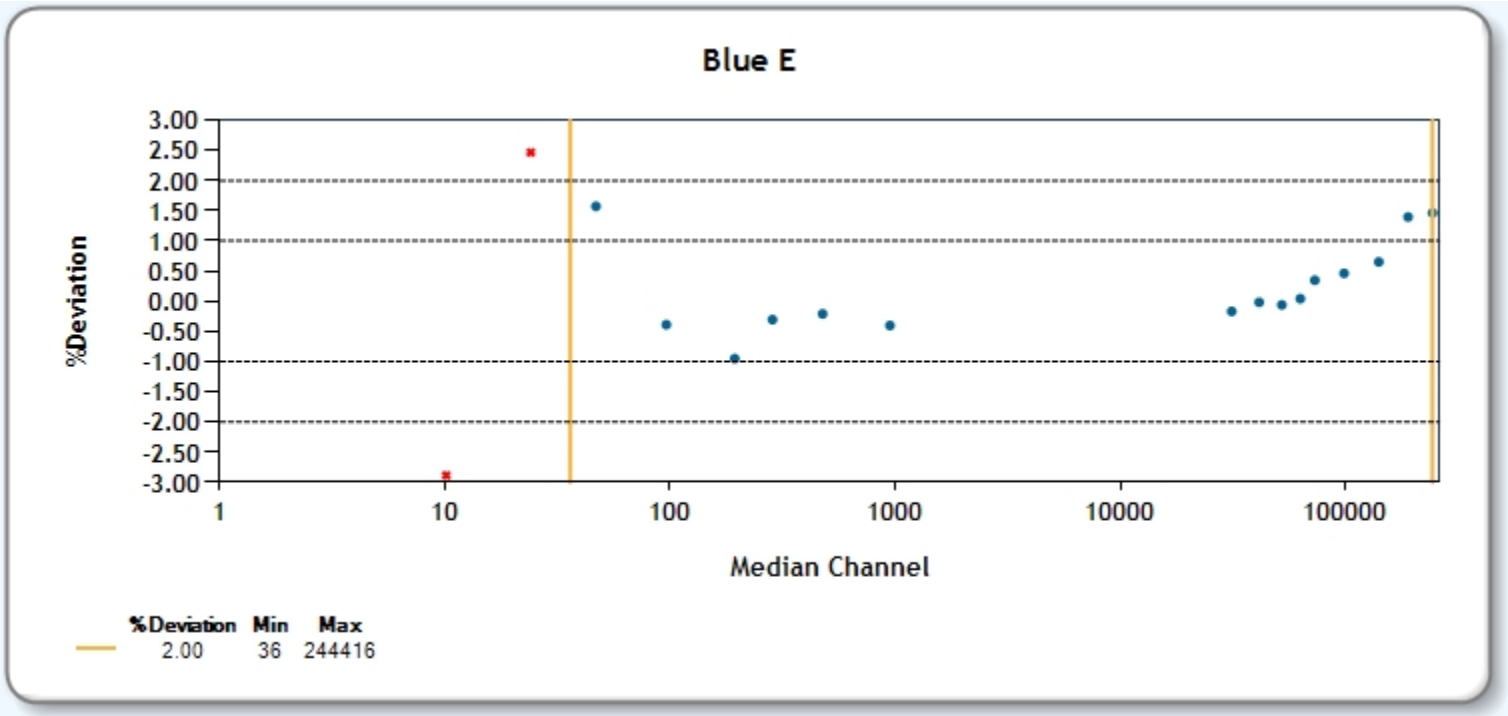
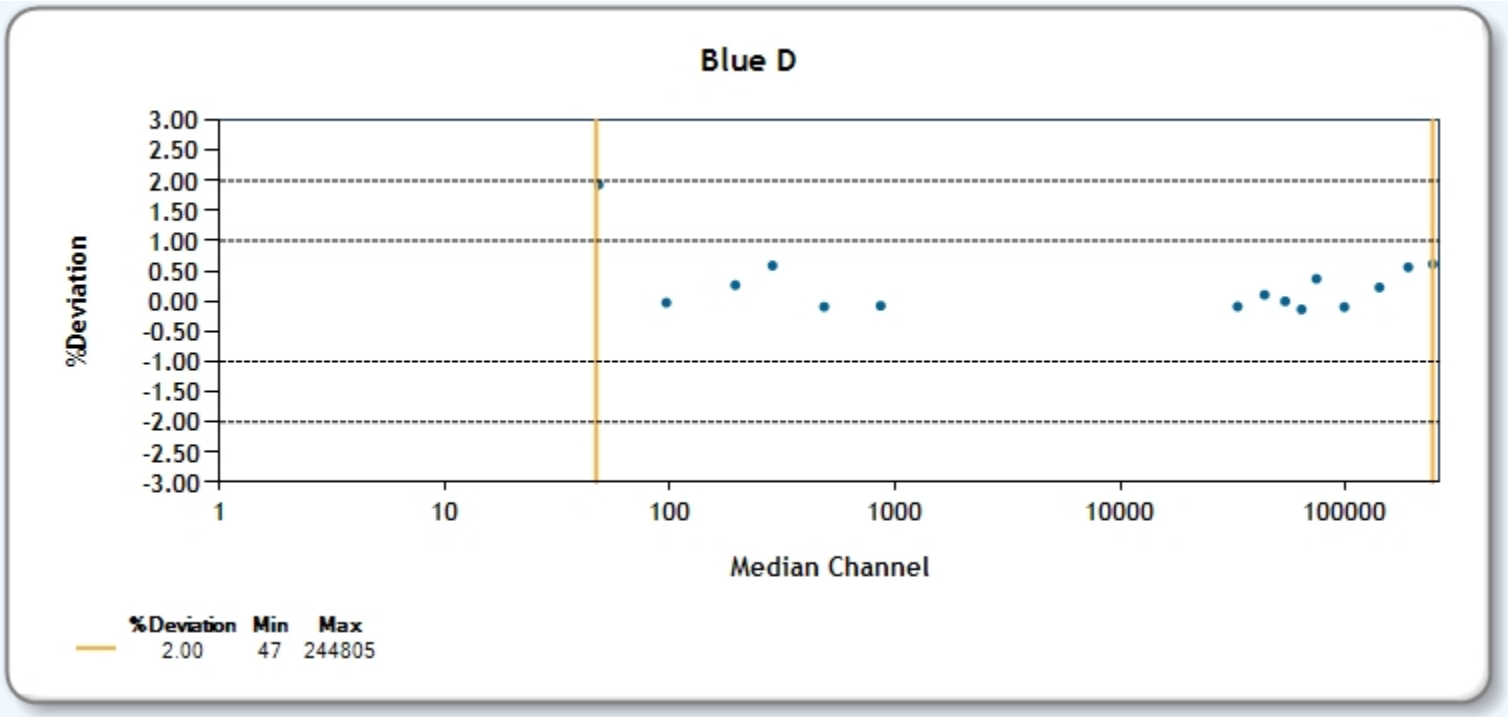
Linearity Results





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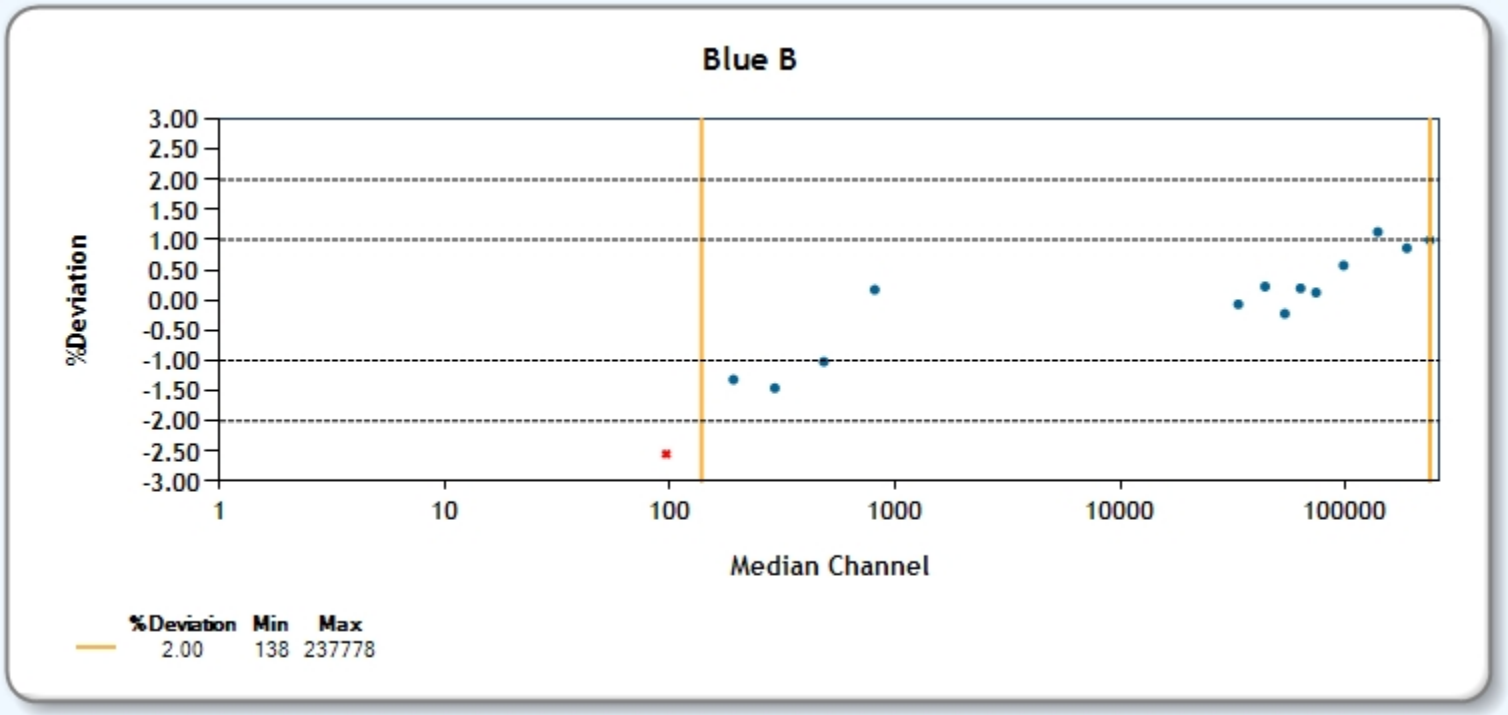

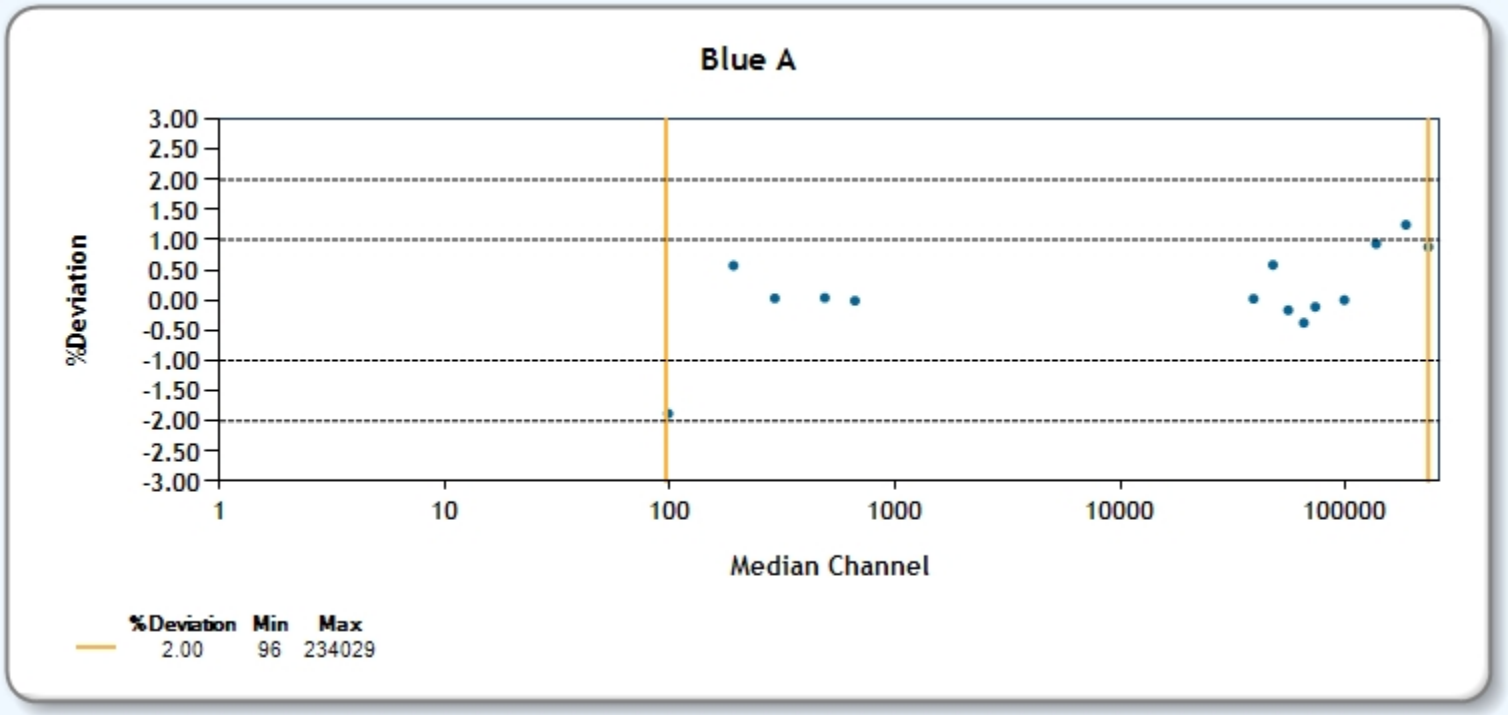

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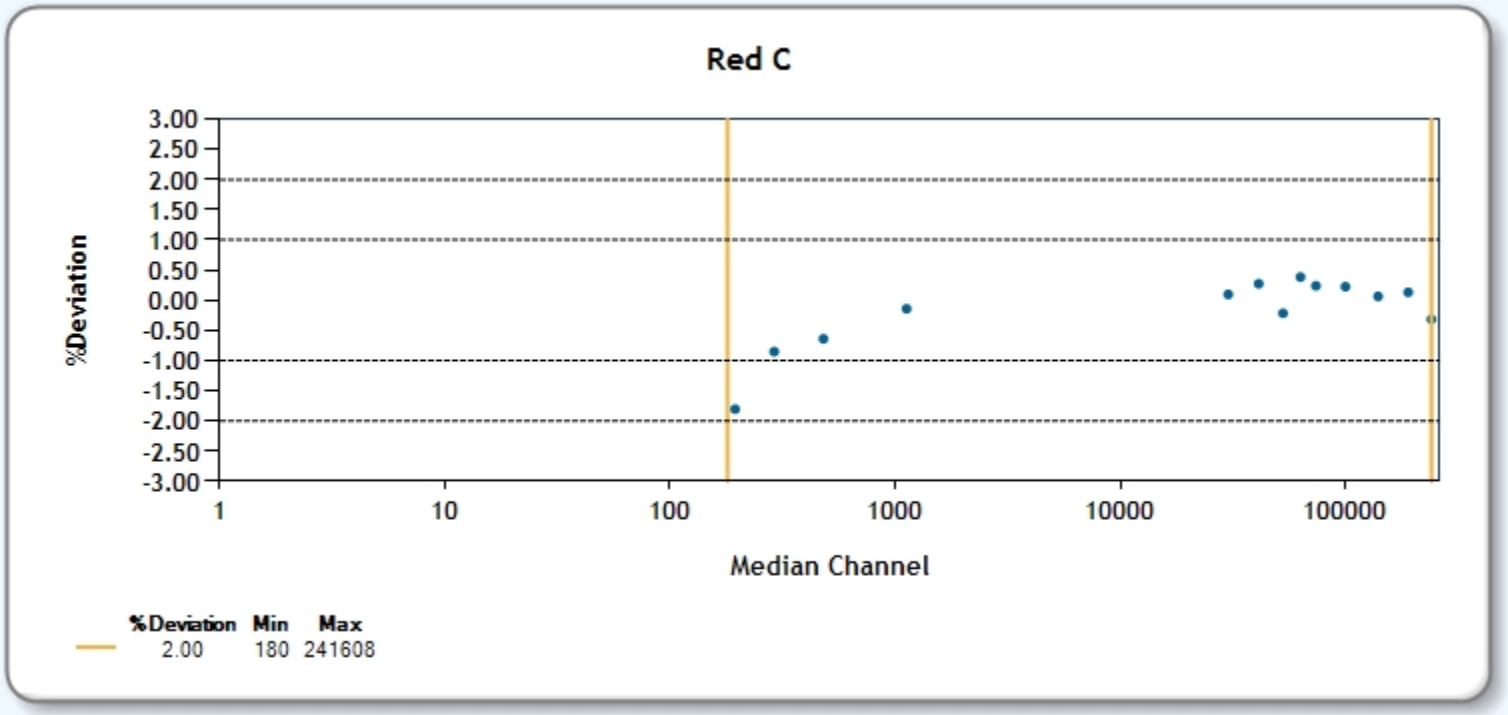

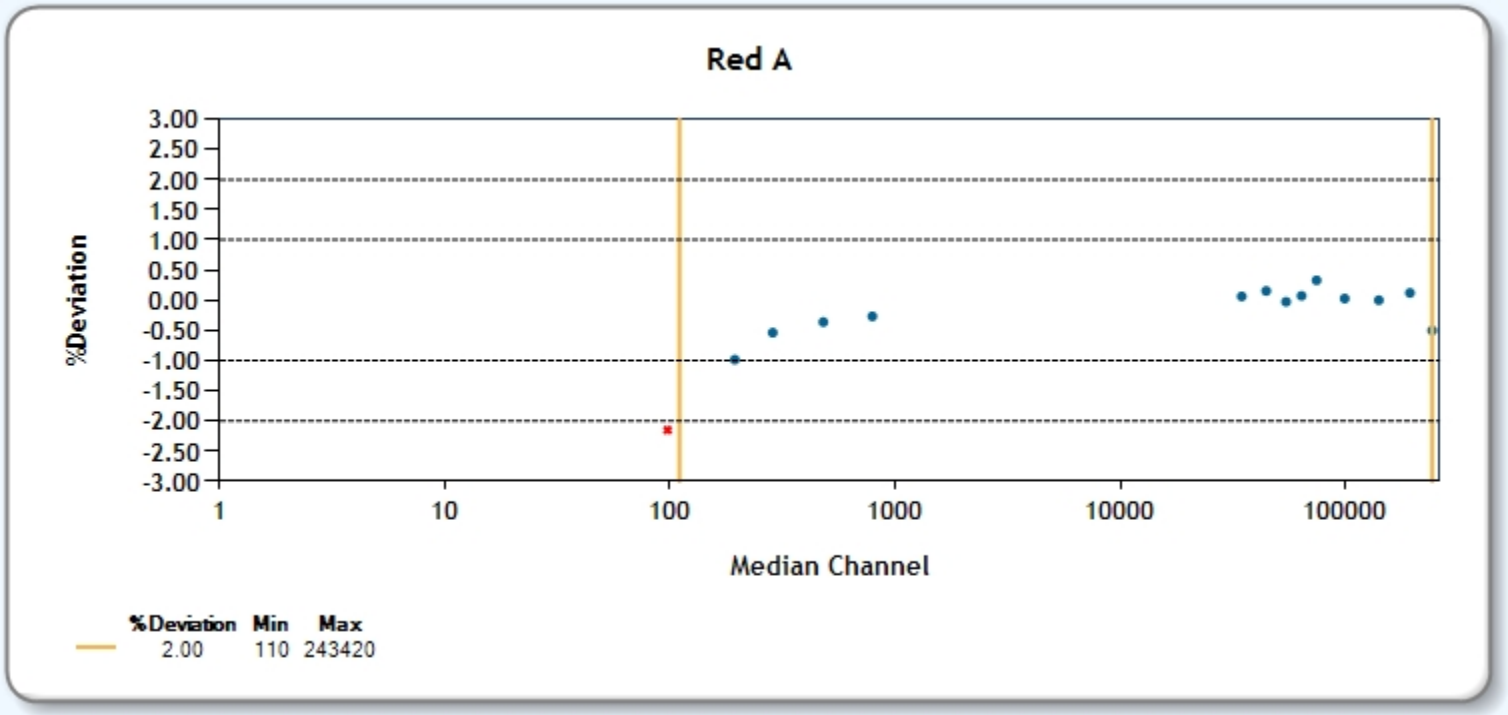

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